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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/776,598	02/01/2001	Luosheng Peng	10480-005-999	9313

7590

08/16/2004

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EXAMINER

VU, VIET DUY

ART UNIT

PAPER NUMBER

2154

DATE MAILED: 08/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/776,598

Applicant(s)

PENG, LUOSHENG

Examiner

Viet Vu

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) 6-12, 18-24 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,5,13,15 and 17 is/are rejected.
- 7) ☒ Claim(s) 2,4,14 and 16 is/are objected to.
- 8) ☒ Claim(s) 6-12 and 18-24 are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 6/20/01; 8/21/01.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

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1. In response to the restriction requirement, applicant has elected group I including claims 1-5 and 13-17 for examination. Applicant is requested to cancel non-elected claims 6-12 and 18-24 in the next correspondence.

2. Applicant is also requested to provide serial numbers of copending related applications cited in page 1 of the specification.

**Art Rejections:**

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

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5. Claims 1, 3, 5, 13, 15 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huang et al, U.S. pat. No. 6,477,543.

Huang discloses a method for facilitating data synchronization for a mobile user comprising:

- a) checking object store replica information corresponding to a remote object store and extracting a first set of objects to be synchronized with said remote object store (see col 11, lines 4-8);
- b) generating a request synchronization message for the first set of objects identified by their associated identifiers and synchronization versions (col 13, lines 53-65);
- c) sending said request synchronization message to said remote object store (step 501, fig. 5);
- d) receiving a response synchronization message from said remote object said response indicating a number of updated objects at the remote object store (step 502, fig. 5 and col 10, lines 12-26);
- e) performing data synchronization including resetting version and purging off updated objects (see col 14, lines 12-31).

Huang does not explicitly teach packing/providing object IDs and synchronization versions along with the request synchronization message. It is noted that such information is

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needed for updating/storing objects at the remote store (see col 13, lines 56-59).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to realize the step of providing object ID and/or sync version to the remote store in Huang because it would have enabled objects to be properly updated at the remote store (see col 13, lines 56-59).

Per claims 5 and 17, Huang also teaches checking conditions for terminating the sync process (step 504, fig. 5). It would have been obvious to one skilled in the art to implement any conventional indicator such as a flag for indicating the last sync application.

**Allowable Subject Matter:**

6. Claims 2, 4, 14 and 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**Conclusion:**

7. The references cited by the examiner on PTO-892 but not relied upon are considered pertinent to applicant's disclosure.

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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Viet Vu whose telephone number is 703-305-9597. The examiner can normally be reached on Monday through Thursday from 8:00am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee, can be reached on (703) 305-8498.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is 703-305-9600. The Group fax number is 703-872-9306.



VIET D. VU  
PRIMARY EXAMINER

Art Unit 2154

8/5/04